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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/804,848	03/13/2001	Andreas Jakob	33422	3198

116 7590 10/19/2005

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CLEVELAND, OH 44114-3108

EXAMINER

NI, SUHAN

ART UNIT	PAPER NUMBER
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2646

DATE MAILED: 10/19/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/804,848	JAKOB ET AL.	
	Examiner	Art Unit	
	Suhan Ni	2646	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 28 April 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 51-68 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 51-56 and 59-68 is/are rejected.
- 7) ☒ Claim(s) 57 and 58 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- | | |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). _____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____. | 6) <input type="checkbox"/> Other: _____. |

DETAILED ACTION

1. The Art Unit location of your application in the PTO has changed. To aid in correlating any papers for this application, all further correspondence regarding this application should be directed to Group **Art Unit 2646**.
2. This communication is responsive to the amendment filed 04/28/2005.

Double Patenting

The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. See *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and, *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent is shown to be commonly owned with this application. See 37 C.F.R.1.130(b).

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

3. Claims 51-68 are rejected under the judicially created doctrine of provisional obviousness-type double patenting as being unpatentable over claims 1-34 of U.S. Patent

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Application 10/054,479. Although the conflicting claims are not identical, they are not patentably distinct from each other because claims 1-34 of U.S. Patent Application 10/054,479 are similar in scope to claims 51-68 of the U.S. Patent Application 09/804,848 with obvious wording variations.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) The invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

(e) The invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

4. Claims 51-55, 59-61 and 64-67 are rejected under 35 U.S.C. 102(b) as being anticipated by Puharich (U. S. Pat. – 3,629,521).

Regarding claim 51, Puharich discloses a hearing apparatus (Fig. 1) with a detachable electric connection (TD), said connection comprising a capacitance (14-15), a part of a casing (Fig. 2) of said hearing apparatus forming a dielectricum (58) of said capacitance, and further comprising one plate (54 and 56) of said capacitance adjacent said part as claimed.

Regarding claim 52, Puharich further discloses the hearing apparatus, wherein said part is of a material which is equal to a material of said casing adjacent said part (Fig. 2).

Regarding claims 53-55, Puharich further discloses the hearing apparatus, wherein said electric connection is a connection to the outside of said hearing apparatus (Fig. 1) as claimed.

Regarding claims 59-60, Puharich further discloses the hearing apparatus, wherein said part forming said dielectricum has a surface exposed to ambient (Fig. 2) whenever said detachable electric connection is detached as claimed.

Regarding claim 61, Puharich further discloses the hearing apparatus, wherein said apparatus comprises a contact electrode (15) exposed to ambient at an area of said hearing apparatus contacting a human body when carried by an individual and wherein said electrode is a reference potential electrode for electronics of said hearing apparatus.

Regarding claims 64-65, Puharich further discloses the hearing apparatus, wherein the apparatus is a hearing aid apparatus as claimed (Fig. 1).

Regarding claims 66-67, Puharich further discloses the hearing apparatus, wherein a remote transmitter module (Fig. 3) operationally connectable to said hearing apparatus via said detachable connection as claimed.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 56, 62-63 and 68 are rejected under 35 U.S.C. 103(a) as being unpatentable over Puharich (U. S. Pat. – 3,629,521).

Regarding claim 56, Puharich does not clearly teach an optical cable as claimed. Since providing an optical cable for partially transmitting signal for hearing aid is very well known in

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the art, it therefore would have been obvious to one skilled in the art at the time the invention was made to provide an optical cable for partially transmitting signal for the hearing aid, in order to provide more desirable communication for the hearing aid.

Regarding claims 62-63 and 68, Puharich does not clearly teach a second hearing device as claimed. Since providing both ears with hearing aid for a person having both impaired hearing on both ears is very well known in the art, it therefore would have been obvious to one skilled in the art at the time the invention was made to further provide the capacitive coupling to the second hearing device as an alternate choice, in order to provide communications between both hearing devices.

Allowable Subject Matter

6. Claims 57-58 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

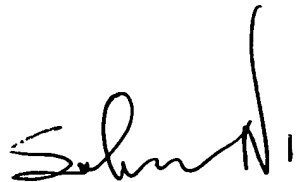
7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Suhan Ni** whose telephone number is (571)-272-7505, and the number for fax machine is (571)-273-7505. The examiner can normally be reached on Monday through Thursday from 10:00 am to 8:00 pm. If it is necessary, the examiner's supervisor, **Sinh N. Tran**, can be reached at (571)-272-7564.

8. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications

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may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov/>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

9. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the group receptionist whose telephone number is (703) 305-3900.

A handwritten signature in black ink, appearing to read 'Suhan Ni', with a stylized flourish at the end.

SUHAN NI
PRIMARY EXAMINER